

0590  
048

#7



OIPF

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/015,394A

DATE: 04/21/2003 P.B.

TIME: 15:24:52

Input Set : A:\\_C41\_\_corrected\_sequence\_listing.wpd

Output Set: N:\CRF4\04212003\J015394A.raw

3 <110> APPLICANT: Baker, Kevin P.  
4 Botstein, David  
5 Desnoyers, Luc  
6 Eaton, Dan l.  
7 Ferrara, Napoleone  
8 Fong, Sherman  
9 Gao, Wei-Qiang  
10 Goddard, Audrey  
11 Godowski, Paul J.  
12 Grimaldi, Christopher J.  
13 Gurney, Austin L.  
14 Hillan, Kenneth J.  
15 Pan, James  
16 Paoni, Nicholas F.  
18 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
19 Acids Encoding the Same  
21 <130> FILE REFERENCE: P2830P1C41  
23 <140> CURRENT APPLICATION NUMBER: 10/015394A  
24 <141> CURRENT FILING DATE: 2001-12-11  
26 <150> PRIOR APPLICATION NUMBER: 60/098716  
27 <151> PRIOR FILING DATE: 1998-09-01  
29 <150> PRIOR APPLICATION NUMBER: 60/098723  
30 <151> PRIOR FILING DATE: 1998-09-01  
32 <150> PRIOR APPLICATION NUMBER: 60/098749  
33 <151> PRIOR FILING DATE: 1998-09-01  
35 <150> PRIOR APPLICATION NUMBER: 60/098750  
36 <151> PRIOR FILING DATE: 1998-09-01  
38 <150> PRIOR APPLICATION NUMBER: 60/098803  
39 <151> PRIOR FILING DATE: 1998-09-02  
41 <150> PRIOR APPLICATION NUMBER: 60/098821  
42 <151> PRIOR FILING DATE: 1998-09-02  
44 <150> PRIOR APPLICATION NUMBER: 60/098843  
45 <151> PRIOR FILING DATE: 1998-09-02  
47 <150> PRIOR APPLICATION NUMBER: 60/099536  
48 <151> PRIOR FILING DATE: 1998-09-09  
50 <150> PRIOR APPLICATION NUMBER: 60/099596  
51 <151> PRIOR FILING DATE: 1998-09-09  
53 <150> PRIOR APPLICATION NUMBER: 60/099598  
54 <151> PRIOR FILING DATE: 1998-09-09  
56 <150> PRIOR APPLICATION NUMBER: 60/099602  
57 <151> PRIOR FILING DATE: 1998-09-09  
59 <150> PRIOR APPLICATION NUMBER: 60/099642  
60 <151> PRIOR FILING DATE: 1998-09-09

## RAW SEQUENCE LISTING

DATE: 04/21/2003

PATENT APPLICATION: US/10/015,394A

TIME: 15:24:52

Input Set : A:\C41\_corrected\_sequence\_listing.wpd

Output Set: N:\CRF4\04212003\J015394A.raw

62 <150> PRIOR APPLICATION NUMBER: 60/099741  
63 <151> PRIOR FILING DATE: 1998-09-10  
65 <150> PRIOR APPLICATION NUMBER: 60/099754  
66 <151> PRIOR FILING DATE: 1998-09-10  
68 <150> PRIOR APPLICATION NUMBER: 60/099763  
69 <151> PRIOR FILING DATE: 1998-09-10  
71 <150> PRIOR APPLICATION NUMBER: 60/099792  
72 <151> PRIOR FILING DATE: 1998-09-10  
74 <150> PRIOR APPLICATION NUMBER: 60/099808  
75 <151> PRIOR FILING DATE: 1998-09-10  
77 <150> PRIOR APPLICATION NUMBER: 60/099812  
78 <151> PRIOR FILING DATE: 1998-09-10  
80 <150> PRIOR APPLICATION NUMBER: 60/099815  
81 <151> PRIOR FILING DATE: 1998-09-10  
83 <150> PRIOR APPLICATION NUMBER: 60/099816  
84 <151> PRIOR FILING DATE: 1998-09-10  
86 <150> PRIOR APPLICATION NUMBER: 60/100385  
87 <151> PRIOR FILING DATE: 1998-09-15  
89 <150> PRIOR APPLICATION NUMBER: 60/100388  
90 <151> PRIOR FILING DATE: 1998-09-15  
92 <150> PRIOR APPLICATION NUMBER: 60/100390  
93 <151> PRIOR FILING DATE: 1998-09-15  
95 <150> PRIOR APPLICATION NUMBER: 60/100584  
96 <151> PRIOR FILING DATE: 1998-09-16  
98 <150> PRIOR APPLICATION NUMBER: 60/100627  
99 <151> PRIOR FILING DATE: 1998-09-16  
101 <150> PRIOR APPLICATION NUMBER: 60/100661  
102 <151> PRIOR FILING DATE: 1998-09-16  
104 <150> PRIOR APPLICATION NUMBER: 60/100662  
105 <151> PRIOR FILING DATE: 1998-09-16  
107 <150> PRIOR APPLICATION NUMBER: 60/100664  
108 <151> PRIOR FILING DATE: 1998-09-16  
110 <150> PRIOR APPLICATION NUMBER: 60/100683  
111 <151> PRIOR FILING DATE: 1998-09-17  
113 <150> PRIOR APPLICATION NUMBER: 60/100684  
114 <151> PRIOR FILING DATE: 1998-09-17  
116 <150> PRIOR APPLICATION NUMBER: 60/100710  
117 <151> PRIOR FILING DATE: 1998-09-17  
119 <150> PRIOR APPLICATION NUMBER: 60/100711  
120 <151> PRIOR FILING DATE: 1998-09-17  
122 <150> PRIOR APPLICATION NUMBER: 60/100848  
123 <151> PRIOR FILING DATE: 1998-09-18  
125 <150> PRIOR APPLICATION NUMBER: 60/100849  
126 <151> PRIOR FILING DATE: 1998-09-18  
128 <150> PRIOR APPLICATION NUMBER: 60/100919  
129 <151> PRIOR FILING DATE: 1998-09-17  
131 <150> PRIOR APPLICATION NUMBER: 60/100930  
132 <151> PRIOR FILING DATE: 1998-09-17  
134 <150> PRIOR APPLICATION NUMBER: 60/101014

## RAW SEQUENCE LISTING

DATE: 04/21/2003

PATENT APPLICATION: US/10/015,394A

TIME: 15:24:52

Input Set : A:\\_C41\_\_corrected\_sequence\_listing.wpd

Output Set: N:\CRF4\04212003\J015394A.raw

135 <151> PRIOR FILING DATE: 1998-09-18  
137 <150> PRIOR APPLICATION NUMBER: 60/101068  
138 <151> PRIOR FILING DATE: 1998-09-18  
140 <150> PRIOR APPLICATION NUMBER: 60/101071  
141 <151> PRIOR FILING DATE: 1998-09-18  
143 <150> PRIOR APPLICATION NUMBER: 60/101279  
144 <151> PRIOR FILING DATE: 1998-09-22  
146 <150> PRIOR APPLICATION NUMBER: 60/101471  
147 <151> PRIOR FILING DATE: 1998-09-23  
149 <150> PRIOR APPLICATION NUMBER: 60/101472  
150 <151> PRIOR FILING DATE: 1998-09-23  
152 <150> PRIOR APPLICATION NUMBER: 60/101474  
153 <151> PRIOR FILING DATE: 1998-09-23  
155 <150> PRIOR APPLICATION NUMBER: 60/101475  
156 <151> PRIOR FILING DATE: 1998-09-23  
158 <150> PRIOR APPLICATION NUMBER: 60/101476  
159 <151> PRIOR FILING DATE: 1998-09-23  
161 <150> PRIOR APPLICATION NUMBER: 60/101477  
162 <151> PRIOR FILING DATE: 1998-09-23  
164 <150> PRIOR APPLICATION NUMBER: 60/101479  
165 <151> PRIOR FILING DATE: 1998-09-23  
167 <150> PRIOR APPLICATION NUMBER: 60/101738  
168 <151> PRIOR FILING DATE: 1998-09-24  
170 <150> PRIOR APPLICATION NUMBER: 60/101741  
171 <151> PRIOR FILING DATE: 1998-09-24  
173 <150> PRIOR APPLICATION NUMBER: 60/101743  
174 <151> PRIOR FILING DATE: 1998-09-24  
176 <150> PRIOR APPLICATION NUMBER: 60/101915  
177 <151> PRIOR FILING DATE: 1998-09-24  
179 <150> PRIOR APPLICATION NUMBER: 60/101916  
180 <151> PRIOR FILING DATE: 1998-09-24  
182 <150> PRIOR APPLICATION NUMBER: 60/102207  
183 <151> PRIOR FILING DATE: 1998-09-29  
185 <150> PRIOR APPLICATION NUMBER: 60/102240  
186 <151> PRIOR FILING DATE: 1998-09-29  
188 <150> PRIOR APPLICATION NUMBER: 60/102307  
189 <151> PRIOR FILING DATE: 1998-09-29  
191 <150> PRIOR APPLICATION NUMBER: 60/102330  
192 <151> PRIOR FILING DATE: 1998-09-29  
194 <150> PRIOR APPLICATION NUMBER: 60/102331  
195 <151> PRIOR FILING DATE: 1998-09-29  
197 <150> PRIOR APPLICATION NUMBER: 60/102484  
198 <151> PRIOR FILING DATE: 1998-09-30  
200 <150> PRIOR APPLICATION NUMBER: 60/102487  
201 <151> PRIOR FILING DATE: 1998-09-30  
203 <150> PRIOR APPLICATION NUMBER: 60/102570  
204 <151> PRIOR FILING DATE: 1998-09-30  
206 <150> PRIOR APPLICATION NUMBER: 60/102571  
207 <151> PRIOR FILING DATE: 1998-09-30

## RAW SEQUENCE LISTING

DATE: 04/21/2003

PATENT APPLICATION: US/10/015,394A

TIME: 15:24:52

Input Set : A:\\_C41\_\_corrected\_sequence\_listing.wpd

Output Set: N:\CRF4\04212003\J015394A.raw

209 <150> PRIOR APPLICATION NUMBER: 60/102684  
210 <151> PRIOR FILING DATE: 1998-10-01  
212 <150> PRIOR APPLICATION NUMBER: 60/102687  
213 <151> PRIOR FILING DATE: 1998-10-01  
215 <150> PRIOR APPLICATION NUMBER: 60/102965  
216 <151> PRIOR FILING DATE: 1998-10-02  
218 <150> PRIOR APPLICATION NUMBER: 60/103258  
219 <151> PRIOR FILING DATE: 1998-10-06  
221 <150> PRIOR APPLICATION NUMBER: 60/103314  
222 <151> PRIOR FILING DATE: 1998-10-07  
224 <150> PRIOR APPLICATION NUMBER: 60/103315  
225 <151> PRIOR FILING DATE: 1998-10-07  
227 <150> PRIOR APPLICATION NUMBER: 60/103328  
228 <151> PRIOR FILING DATE: 1998-10-07  
230 <150> PRIOR APPLICATION NUMBER: 60/103395  
231 <151> PRIOR FILING DATE: 1998-10-07  
233 <150> PRIOR APPLICATION NUMBER: 60/103396  
234 <151> PRIOR FILING DATE: 1998-10-07  
236 <150> PRIOR APPLICATION NUMBER: 60/103401  
237 <151> PRIOR FILING DATE: 1998-10-07  
239 <150> PRIOR APPLICATION NUMBER: 60/103449  
240 <151> PRIOR FILING DATE: 1998-10-06  
242 <150> PRIOR APPLICATION NUMBER: 60/103633  
243 <151> PRIOR FILING DATE: 1998-10-08  
245 <150> PRIOR APPLICATION NUMBER: 60/103678  
246 <151> PRIOR FILING DATE: 1998-10-08  
248 <150> PRIOR APPLICATION NUMBER: 60/103679  
249 <151> PRIOR FILING DATE: 1998-10-08  
251 <150> PRIOR APPLICATION NUMBER: 60/103711  
252 <151> PRIOR FILING DATE: 1998-10-08  
254 <150> PRIOR APPLICATION NUMBER: 60/104257  
255 <151> PRIOR FILING DATE: 1998-10-14  
257 <150> PRIOR APPLICATION NUMBER: 60/104987  
258 <151> PRIOR FILING DATE: 1998-10-20  
260 <150> PRIOR APPLICATION NUMBER: 60/105000  
261 <151> PRIOR FILING DATE: 1998-10-20  
263 <150> PRIOR APPLICATION NUMBER: 60/105002  
264 <151> PRIOR FILING DATE: 1998-10-20  
266 <150> PRIOR APPLICATION NUMBER: 60/105104  
267 <151> PRIOR FILING DATE: 1998-10-21  
269 <150> PRIOR APPLICATION NUMBER: 60/105169  
270 <151> PRIOR FILING DATE: 1998-10-22  
272 <150> PRIOR APPLICATION NUMBER: 60/105266  
273 <151> PRIOR FILING DATE: 1998-10-22  
275 <150> PRIOR APPLICATION NUMBER: 60/105693  
276 <151> PRIOR FILING DATE: 1998-10-26  
278 <150> PRIOR APPLICATION NUMBER: 60/105694  
279 <151> PRIOR FILING DATE: 1998-10-26  
281 <150> PRIOR APPLICATION NUMBER: 60/105807

## RAW SEQUENCE LISTING

DATE: 04/21/2003

PATENT APPLICATION: US/10/015,394A

TIME: 15:24:52

Input Set : A:\\_C41\_\_corrected\_sequence\_listing.wpd

Output Set: N:\CRF4\04212003\J015394A.raw

282 <151> PRIOR FILING DATE: 1998-10-27  
284 <150> PRIOR APPLICATION NUMBER: 60/105881  
285 <151> PRIOR FILING DATE: 1998-10-27  
287 <150> PRIOR APPLICATION NUMBER: 60/105882  
288 <151> PRIOR FILING DATE: 1998-10-27  
290 <150> PRIOR APPLICATION NUMBER: 60/106023  
291 <151> PRIOR FILING DATE: 1998-10-28  
293 <150> PRIOR APPLICATION NUMBER: 60/106029  
294 <151> PRIOR FILING DATE: 1998-10-28  
296 <150> PRIOR APPLICATION NUMBER: 60/106030  
297 <151> PRIOR FILING DATE: 1998-10-28  
299 <150> PRIOR APPLICATION NUMBER: 60/106032  
300 <151> PRIOR FILING DATE: 1998-10-28  
302 <150> PRIOR APPLICATION NUMBER: 60/106033  
303 <151> PRIOR FILING DATE: 1998-10-28  
305 <150> PRIOR APPLICATION NUMBER: 60/106062  
306 <151> PRIOR FILING DATE: 1998-10-27  
308 <150> PRIOR APPLICATION NUMBER: 60/106178  
309 <151> PRIOR FILING DATE: 1998-10-28  
311 <150> PRIOR APPLICATION NUMBER: 60/106248  
312 <151> PRIOR FILING DATE: 1998-10-29  
314 <150> PRIOR APPLICATION NUMBER: 60/106384  
315 <151> PRIOR FILING DATE: 1998-10-29  
317 <150> PRIOR APPLICATION NUMBER: 60/108500  
318 <151> PRIOR FILING DATE: 1998-10-29  
320 <150> PRIOR APPLICATION NUMBER: 60/106464  
321 <151> PRIOR FILING DATE: 1998-10-30  
323 <150> PRIOR APPLICATION NUMBER: 60/106856  
324 <151> PRIOR FILING DATE: 1998-11-03  
326 <150> PRIOR APPLICATION NUMBER: 60/106902  
327 <151> PRIOR FILING DATE: 1998-11-03  
329 <150> PRIOR APPLICATION NUMBER: 60/106905  
330 <151> PRIOR FILING DATE: 1998-11-03  
332 <150> PRIOR APPLICATION NUMBER: 60/106919  
333 <151> PRIOR FILING DATE: 1998-11-03  
335 <150> PRIOR APPLICATION NUMBER: 60/106932  
336 <151> PRIOR FILING DATE: 1998-11-03  
338 <150> PRIOR APPLICATION NUMBER: 60/106934  
339 <151> PRIOR FILING DATE: 1998-11-03  
341 <150> PRIOR APPLICATION NUMBER: 60/107783  
342 <151> PRIOR FILING DATE: 1998-11-10  
344 <150> PRIOR APPLICATION NUMBER: 60/108775  
345 <151> PRIOR FILING DATE: 1998-11-17  
347 <150> PRIOR APPLICATION NUMBER: 60/108779  
348 <151> PRIOR FILING DATE: 1998-11-17  
350 <150> PRIOR APPLICATION NUMBER: 60/108787  
351 <151> PRIOR FILING DATE: 1998-11-17  
353 <150> PRIOR APPLICATION NUMBER: 60/108788  
354 <151> PRIOR FILING DATE: 1998-11-17

RAW SEQUENCE LISTING ERROR SUMMARY      DATE: 04/21/2003  
PATENT APPLICATION:    US/10/015,394A      TIME: 15:24:53

Input Set : A:\\_C41\_\_corrected\_sequence\_listing.wpd  
Output Set: N:\CRF4\04212003\J015394A.raw

**Please Note:**

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 233  
Seq#:62; N Pos. 678  
Seq#:63; Xaa Pos. 196,386  
Seq#:259; N Pos. 3635  
Seq#:377; N Pos. 396  
Seq#:422; N Pos. 1528

**VERIFICATION SUMMARY**

DATE: 04/21/2003

PATENT APPLICATION: US/10/015,394A

TIME: 15:24:53

Input Set : A:\\_C41\_\_corrected\_sequence\_listing.wpd

Output Set: N:\CRF4\04212003\J015394A.raw

L:680 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:225  
 L:3983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:62 after pos.:650  
 L:4075 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:63 after pos.:195  
 M:341 Repeated in SeqNo=63  
 L:14036 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:259 after pos.:3600  
 L:20633 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:377 after pos.:350  
 L:22198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:422 after pos.:1500